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1648

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/734,836

DATE: 05/17/2001

TIME: 10:00:14

ENTERED

Input Set : A:\4-30922A-2 April 5, 2001.ST25.txt

Output Set: N:\CRF3\05172001\I734836.raw

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3 <110> APPLICANT: Novartis AG
5 <120> TITLE OF INVENTION: Bovine Immunodeficiency Virus (BIV) Based Vectors
7 <130> FILE REFERENCE: 4-30922A
9 <140> CURRENT APPLICATION NUMBER: 09/734,836
10 <141> CURRENT FILING DATE: 2000-12-12
12 <150> PRIOR APPLICATION NUMBER: US 09/464,460
13 <151> PRIOR FILING DATE: 1999-12-14
15 <160> NUMBER OF SEQ ID NOS: 30
17 <170> SOFTWARE: PatentIn version 3.0
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27 <220> FEATURE:
28 <221> NAME/KEY: misc_feature
29 <222> LOCATION: (1)..(28)
30 <223> OTHER INFORMATION: restriction site polylinker
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34 ttaagattta aatacgctg cggccgca 28
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38 <211> LENGTH: 28
39 <212> TYPE: DNA
C--> 40 <213> ORGANISM: Artificial
42 <220> FEATURE:
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45 <220> FEATURE:
46 <221> NAME/KEY: misc_feature
47 <222> LOCATION: (1)..(28)
48 <223> OTHER INFORMATION: restriction site polylinker
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52 gatctgcggc cgcacgcgta tttaaatac 28
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 50
57 <212> TYPE: DNA
C--> 58 <213> ORGANISM: Artificial
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63 <220> FEATURE:
64 <221> NAME/KEY: primer_bind
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71 <210> SEQ ID NO: 4
72 <211> LENGTH: 46
73 <212> TYPE: DNA
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C--> 74 <213> ORGANISM: Artificial
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      77 <223> OTHER INFORMATION: PCR primer
      79 <220> FEATURE:
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      83 <400> SEQUENCE: 4
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      88 <211> LENGTH: 50
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      92 <220> FEATURE:
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      95 <220> FEATURE:
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      97 <222> LOCATION: (1)..(50)
      99 <400> SEQUENCE: 5
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      108 <220> FEATURE:
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      111 <220> FEATURE:
      112 <221> NAME/KEY: primer_bind
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      115 <400> SEQUENCE: 6
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      119 <210> SEQ ID NO: 7
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      124 <220> FEATURE:
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      127 <220> FEATURE:
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      129 <222> LOCATION: (1)..(36)
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      140 <220> FEATURE:
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Input Set : A:\4-30922A-2 April 5, 2001.ST25.txt

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156 <220> FEATURE:
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163 <400> SEQUENCE: 9
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169 <212> TYPE: DNA
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172 <220> FEATURE:
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176 <221> NAME/KEY: primer_bind
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180 gccgtttctg tactctctgg t 21
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188 <220> FEATURE:
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192 <221> NAME/KEY: primer_bind
193 <222> LOCATION: (1)..(19)
195 <400> SEQUENCE: 11
196 gaggacggca acatcctgg 19
199 <210> SEQ ID NO: 12
200 <211> LENGTH: 50
201 <212> TYPE: DNA
C--> 202 <213> ORGANISM: Artificial
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205 <223> OTHER INFORMATION: PCR primer
207 <220> FEATURE:
208 <221> NAME/KEY: primer_bind
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211 <400> SEQUENCE: 12
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215 <210> SEQ ID NO: 13
216 <211> LENGTH: 54

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Input Set : A:\4-30922A-2 April 5, 2001.ST25.txt
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217 <212> TYPE: DNA
C--> 218 <213> ORGANISM: Artificial
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223 <220> FEATURE:
224 <221> NAME/KEY: primer_bind
225 <222> LOCATION: (1)..(54)
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241 <222> LOCATION: (1)..(19)
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255 <220> FEATURE:
256 <221> NAME/KEY: primer_bind
257 <222> LOCATION: (1)..(20)
259 <400> SEQUENCE: 15
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264 <211> LENGTH: 20
265 <212> TYPE: DNA
266 <213> ORGANISM: Bovine immunodeficiency virus
268 <400> SEQUENCE: 16
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272 <210> SEQ ID NO: 17
273 <211> LENGTH: 32
274 <212> TYPE: DNA
C--> 275 <213> ORGANISM: Artificial
277 <220> FEATURE:
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280 <220> FEATURE:
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282 <222> LOCATION: (1)..(32)
284 <400> SEQUENCE: 17
285 gctctagaac tagtgatcc cccggcatcc cg          32
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RAW SEQUENCE LISTING DATE: 05/17/2001
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Input Set : A:\4-30922A-2 April 5, 2001.ST25.txt
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289 <211> LENGTH: 33
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297 <210> SEQ ID NO: 19
298 <211> LENGTH: 21
299 <212> TYPE: DNA
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302 <220> FEATURE:
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305 <220> FEATURE:
306 <221> NAME/KEY: primer_bind
307 <222> LOCATION: (1)..(21)
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310 tctagaacta gtggatcccc c 21
313 <210> SEQ ID NO: 20
314 <211> LENGTH: 20
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316 <213> ORGANISM: Bovine immunodeficiency virus
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322 <210> SEQ ID NO: 21
323 <211> LENGTH: 36
324 <212> TYPE: DNA
C--> 325 <213> ORGANISM: Artificial
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331 <221> NAME/KEY: primer_bind
332 <222> LOCATION: (1)..(36)
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343 <220> FEATURE:
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355 <211> LENGTH: 33
356 <212> TYPE: DNA
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359 <400> SEQUENCE: 23

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VERIFICATION SUMMARY DATE: 05/17/2001
PATENT APPLICATION: US/09/734,836 TIME: 10:00:15

Input Set : A:\4-30922A-2 April 5, 2001.ST25.txt
Output Set: N:\CRF3\05172001\I734836.raw

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L:58 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:74 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
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L:106 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
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